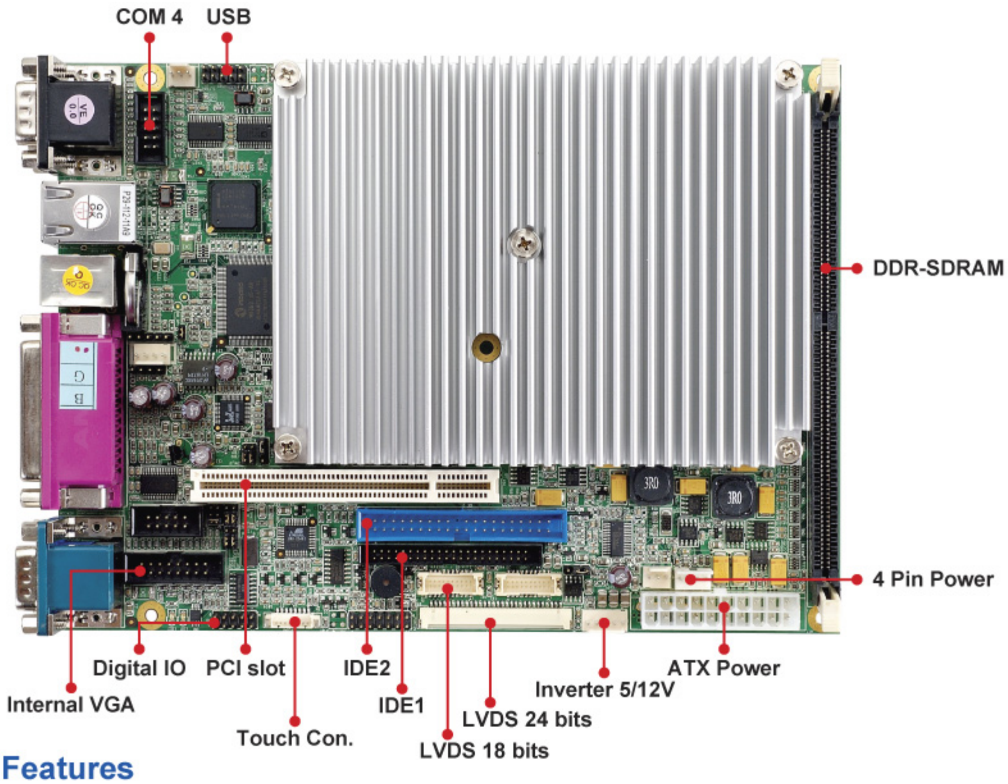
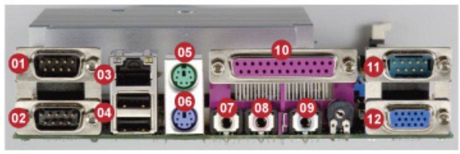
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ATIOSYS
APPLIED TECHNOLOGY in INDUSTRIAL OPERATIONS

EMB-762

Industrial Embedded Board Computer





- 01 COM2
- 02 COM1
- 03 LAN
- 04 USB
- 05 Mouse
- 06 Keydoard
- 07 Line-out
- 08 Mic-in
- 09 Line-in
- 10 Parallel port
- 11 COM3
- 12 VGA

Features

- Ultra Low Voltage Intel® Celeron® M Processor upto 1GHz CPU
- Low ESR, high frequency Cap. Retontion
- Intel 82852GM/82801DB system chipset
- 4 COM, 4 USB 2.0 ports
- Turly Fanless solution

Technical Specifications

SYSTEM	
CPU	Intel Mobile Celeron M 600MHz low power embedded CPU
Chipset	Intel 82852GM NB, ICH4 SB
Memory	1 x DDR-SDRAM 184 pin socket, up to 1GB
BIOS	4M firmware HUB Award license BIOS
Ethernet Connector	Intel 82551 support 10/100 Base-T
Audio	AC97 codec
Watchdog Timer	255 levels timer internal, setup by software
PCI	1 x PCI slot for expansion
Power management	I/O peripheral devices support power saving and doze/standby/suspend modes.
Power Connector	20 pin ATX power connector
Touch Controller (Option)	Touch Controller Onboard Chip
Temperature	Operating: 0°C ~ 55°C Storage: -10°C ~ 70°C
Humidity	5% ~ 95% RH, non-condensing
Dimensions	219mm x 159mm
RoHS	RoHS Compliant

Display	
VGA connector	1 x DB-15 VGA connector supporting up to 1600 x 1200 1 x internal VGA pin head
LCD connector	Dual channel LVDS 18 bits / LVDS 24 bits (optional)
IO	
IDE	1 x 40 pin IDE port 1 x 44 pin IDE port
Serial Port	4 x COM ports (Support One COM port RS-232/422/485)
USB	2 x USB 2.0 ports 2 x internal USB2.0 ports
Audio	1 x Line-out 1 x Line-in 1 x Mic-in
Parallel Port	1 x multi-mode parallel port (SPP/EPP/ECP)
Keyboard/Mouse	2 x 6-pin mini-DIM PS/2 keyboard and mouse connector
IrDA	1 x internal IrDA
Order Information	
EMB 762-A1	Single board, Socket 479 w/ Intel82852GM(w/CPU Cooler); support LCD, LAN, expansion 1 PCI slot; ATX power
EMB 762-B1	Single board, Pentium M, ULV Celeron M 600(w/Fanless Heat sink); support LCD, LAN, expansion 1 PCI slot; ATX power

ATIO System is a Subsidiary of FIC Group

＊ Specification change without notice.